Band Confidents:

East Contain L'YENG! AMONTO.

Appendix 2 - Code List: IR / RS232 / DDC Data

Bed Cariford

1. Remote Control Code

Bend Tambides Lot

	Key	Function	Description	Code	ID and Protocol		
	1	Power	Power on/off toggle	0x02	Frequency	38 KHz	
	2	Freeze	Freeze video	0x03	Protocol	NEC Format	
I^*.	.3	Menu/Exit	OSD Menu On/Off	0x0F	Custom Code	0x0030	
2	4	*/ Keystone	1.Up Key for OSD Menu	0x0B			4 7 ava
			2.Keystone Correction				arces de la
			Increment		one contract		
	5	Auto	Auto Adjustment for	0x08		PFI TWOK	
			phase, Tracking, Size,		CONFULE-2 S-VIDEO	OUNCE .	
			Position			AUTO	
	6	1/Q?	1.Left Key for OSD	0x0D	MENU EXIT.		
	•		Menu				
		มหมืออาณิช	2.Show Bain "Information"	j			
		iang -	[^ ^ # ^ # ^ # ^ #]			(A)	My mag
	\$511°		Menu Manyorika	0.10	do <u>Mode</u> Enter		
	7	Mode/Enter	1.Choose a Suitable	0x10	O EN LER	7 ()	
			Preset Mode for Usage Environment				
			2.Enter Key for OSD				
			Menu		en un		
	8	► / Panel key	1. Right Key for OSD	0x0E	PAGEUP (ZOOM+) VO	LEHU10	
					1 2 r-cadonii 200N- V	3 DLUME	
		lock ontoberded	Menu. 2. Enter "Panel Key Lock	1		6 J	Const.
		(479) 740)	Setting.		7 8	9	16.97esp 016.04500
	9	Blank	Display Blank	0x07			W 1 Mar. 3 - 1
	10	▼/ Keystone	1.Down Key for OSD	0x0C	TEST CO-UT	icyol.	
		-	Menu		/ seno		
			2. Keystone Correction				
			Decrement.				
	11	Source	Input Source Selection	0x04			
ec.	12	Volume +	Speaker Volume	0x82	Band Comiden	Láv Haos	
1. (1 1	in these	Increment		KYang	 	N. Year
	13	Volume -	Speaker Volume	0x83	2010/10/72	ė,	
			Decrement				

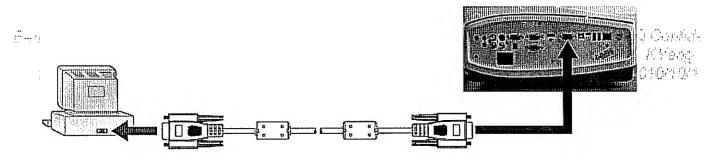
i Deb	5.14 <u>.</u> ,	Digital Zoom	Zoom Install Continues	:0x18	Sero Condidential	Besa Conta
	#1	(H O	5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 . 5 .		de verg	超過過過
	-15	Digital Zoom	Zoom Out Thursday	0x19	26767073	
		-				
	16	Page Up	Page Up Key for	0x05		
			Emulation of Keyboard			
	17	Page Down	Page Down Key for	0x06		
			Emulation of Keyboard			
	18	Timer On	Enable/Disable	0x25		
	43 G	ndli s els	"Presentation Timer"	Ţ	Bari. Cowitianiai	
	94°\$	aug	Function A Page		K Tang	* ** 5.74
	-19	Timer Set Up	Enter "Presentation	0x26	2000/10/1	
			Timer" Setting			

Sert Confidential FYang 2014/10/12 Earl Confidence/ Sifety 2010/1412 Sers Confidential Kirleng 2010/15/10 BenO Contito NYeng 2016/10/1

2. RS232 code table

2.1 Connection:

Below shows the illustration of connection between PC and Projector.



<CAUTION>

- ♦ Make sure that your computer and projector are turned off before connection.
- Power on the computer first and then plug the power cord of the projector.

 (It may cause Com port incorrect function, if you do not follow this instruction)

Besilviania Peng

Adapters may be necessary depending on the PC connected to this projector. Please contact with your dealer for further details.

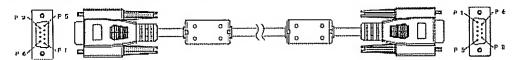
End Grandinessel Wrang - Bari Caridania Kyeng n - Janania BerO Confidential KYeng 2010/10/12 Beell Counts

(Yes)

(Sec)

2.2 Hardware connection

<Download cable part number/diagram>



COMPLOTION LANCE

ATTERN

2010/10/12

D-Sub 9 pin

1	1 CD
2	RXD
3	TXD
4	DTR
5	GND
6	DSR
7	RTS
8	CTS
9	RI

Wire List

C1	COLOR	C2
1	Black	1
2	Brown	3
3	Red	2
4	Orange	4
5	Yellow	5
6	Green	6
7	Blue	8
8	Purple	7
9	White	9
SHELL	DW	SHELL

8900 **Conf**e-23 tang 2010 to

Zero overenie:

Baud Rate: 115200

Parity Bit: none

Data Bit: 8 Stop Bit: 1

Assign Port: COM1

dens conidente Krang saramarss

Berli Cowist K Yeng 2010/13/1

2.3 Command Category

Function	Туре	Operation	ASCII	
	Write	Power On	<cr>*pow=on#<cr></cr></cr>	ed Carkh
Power	Write	Power off	<cr>*pow=off#<cr></cr></cr>	8 Yang
	Read	Power Status	<cr>*pow=?#<cr></cr></cr>	2040/400
10	Write	COMPUTER/YPbPr	<cr>*sour=RGB#<cr></cr></cr>	
	Write	COMPUTER 2/YPbPr2	<cr>*sour=RGB2#<cr></cr></cr>	
	Write	Component	<cr>*sour=ypbr#<cr></cr></cr>	
	Write	DVI-A	<cr>*sour=dviA#<cr></cr></cr>	
Source Selecti	ion Write	DVI-D	<cr>*sour=dvid#<cr></cr></cr>	
	Write	HDMI	<cr>*sour=hdmi#<cr></cr></cr>	
	Write	HDMI 2	<cr>*sour=hdmi2#<cr></cr></cr>	ent Conist
	Write	Composite	<cr>*sour=vid#<cr></cr></cr>	
	Write	S-Video	<cr>*sour=svid#<cr></cr></cr>	ain0/10/1

Write		Read	Current source	<cr>*sour=?#<cr></cr></cr>	
Andio Control Read Mute Status CRN mute=# <crn td="" ="" <=""><td></td><td>Write</td><td>Mute On</td><td><cr>*mute=on#<cr></cr></cr></td><td></td></crn>		Write	Mute On	<cr>*mute=on#<cr></cr></cr>	
Write		Write	Mute Off	<cr>*mute=off#<cr></cr></cr>	2016/1017
Write Volume + <cr>*vol=+#<cr> Write Volume - <cr>*vol=+#<cr> Write Volume - <cr>*vol=+#<cr> Read Volume Status <cr>*vol=+#<cr> Write Dynamic <cr>*appmod=dynamic#<cr> Write Presentation <cr>*appmod=preset#<cr> Write SRGB <cr>*appmod=srgb#<cr> Write Standard <cr>*appmod=srgb#<cr> Write Standard <cr>*appmod=std#<cr> Write User1 <cr>*appmod=userl#<cr> Write User2 <cr>*appmod=userl#<cr> Write User2 <cr>*appmod=userl#<cr> Write Contrast + <cr>*con=# Write Contrast + <cr>*con=# Write Contrast - <cr>*con=# Write Brightness + <cr>*con=# Write Brightness - <cr>*bri=+# Write Brightness - <cr>*bri=+# Read Brightness value <cr>*bri=# Write Color + <cr>*color=# Read Color value <cr>*color=# Read Color value <cr>*color=# Write Sharpness + <cr>*sharp=+# Write Aspect 4:3 <cr>*sharp=+# Write Aspect 4:3 <cr>*sharp=+# Write Aspect Auto <cr>*asp=BDX# Write Aspect Real <cr>*asp=BDX# Write Aspect Real <cr>*asp=BDX# Write Aspect Write Aspect Write <cr>*asp=BDX# Write Aspect Write CRS**como# Write Auto CCRS**como# Write CCRS**como#</cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Read	Mute Status	<cr>*mute=?#<cr></cr></cr>	
Read Volume Status <cr>*vol=?#<cr></cr></cr>	Audio Control	Write	Volume +	<cr>*vol=+#<cr></cr></cr>	
Write		Write	Volume -	<cr>*vol=-#<cr></cr></cr>	
Write		Read	Volume Status	<cr>*vol=?#<cr></cr></cr>	
Write		Write	Dynamic	<cr>*appmod=dynamic#<cr></cr></cr>	
Write Cinema CRS*appmod=cine# <cr> Write Standard CRS*appmod=std#<cr> Write User1 CRS*appmod=user1#<cr> Write User2 CRS*appmod=user2#<cr> Read Picture Mode CRS*appmod=user2#<cr> Read Picture Mode CRS*appmod=ine#<cr> Write Contrast + CRS*con=#<crs +="" -="" 4:3="" aspect="" auto="" brightness="" color="" contrast="" crs*a<="" crs*aom0#<crs="" crs*asp="1BOX#<CRS" crs*bri="#<CRS" crs*color="#<CRS" crs*con="#<CRS" crs*sharp="#<CRS" in="" letterbox="" muto="" out="" sharpness="" td="" wide="" write="" zoom="" =""><td></td><td>Write</td><td>Presentation</td><td></td><td></td></crs></cr></cr></cr></cr></cr></cr>		Write	Presentation		
Picture Mode Write Standard		Write	sRGB	<cr>*appmod=srgb#<cr></cr></cr>	- a come
Write User1		Write	Cinema	<cr>*appmod=cine#<cr></cr></cr>	
Write	Picture Mode	Write	Standard	<cr>*appmod=std#<cr></cr></cr>	
Write		Write	User1	<cr>*appmod=user1#<cr></cr></cr>	
Read		Write	User2		
Write		Read	Picture Mode		
Read		Write	Contrast +	<cr>*con=+#<cr></cr></cr>	
Write Brightness +		Write	Contrast -	<cr>*con=-#<cr></cr></cr>	_
Write		Read	Contrast value	<cr>*con=?#<cr></cr></cr>	
Write Brightness -		Write	Brightness +	<cr>*bri=+#<cr></cr></cr>	
Read Brightness value CR>*bri=?# <cr></cr>		Write		<cr>*bri=-#<cr></cr></cr>	
Write Color - CR>*color=-# <cr> Read Color value CR>*color=?#<cr> Write Sharpness + CR>*sharp=+#<cr> Write Sharpness - CR>*sharp=+#<cr> Read Sharpness - CR>*sharp=?#<cr> Read Sharpness value CR>*sharp=?#<cr> Write Aspect 4:3 CR>*asp=4:3#<cr> Write Aspect 16:9 CR>*asp=16:9#<cr> Write Aspect Auto CR>*asp=AUTO#<cr> Write Aspect Real CR>*asp=REAL#<cr> Write Aspect Letterbox CR>*asp=LBOX#<cr> Write Aspect Wide CR>*asp=LBOX#<cr> Write Aspect Wide CR>*asp=BEAL#</cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Read	Brightness value	<cr>*bri=?#<cr></cr></cr>	
Read		Write	Color +	<cr>*color=+#<cr></cr></cr>	
Write Sharpness +		Write	Color -	<cr>*color=-#<cr></cr></cr>	
Picture Setting Write Sharpness -		Read	Color value	<cr>*color=?#<cr></cr></cr>	
Read Sharpness value CR>*sharp=?# <cr></cr>		Write	Sharpness +	<cr>*sharp=+#<cr></cr></cr>	
Write Aspect 4:3 <cr>*asp=4:3#<cr> Write Aspect 16:9 <cr>*asp=16:9#<cr> Write Aspect Auto <cr>*asp=AUTO# Write Aspect Real <cr>*asp=REAL# <cr> Write Aspect Letterbox <cr>*asp=LBOX# <cr> Write Aspect Wide <cr>*asp=WIDE# <cr> Write Zoom In <cr>*zoomJ# <cr> Write Zoom out <cr>*zoomO# <cr> Write Auto <cr>*auto# <cr> Baud Rate Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>	Picture Setting	Write	Sharpness -	<cr>*sharp=-#<cr></cr></cr>	
Write Aspect 4:3 <cr>*asp=4:3#<cr> Write Aspect 16:9 <cr>*asp=16:9#<cr> Write Aspect Auto <cr>*asp=AUTO#<<cr> Write Aspect Real <cr>*asp=REAL# <cr> Write Aspect Letterbox <cr>*asp=LBOX# <cr> Write Aspect Wide <cr>*asp=WIDE# <cr> Write Zoom In <cr>*zoomJ# <cr> Write Zoom out <cr>*zoomO# <cr> Write Auto <cr>*auto# <cr> Write 2400 <cr>*baud=2400# <cr> Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Read	Sharpness value	<cr>*sharp=?#<cr></cr></cr>	
Write Aspect 16:9 <cr>*asp=16:9#<cr> Write Aspect Auto <cr>*asp=AUTO#<cr> Write Aspect Real <cr>*asp=REAL# <cr> Write Aspect Letterbox <cr>*asp=LBOX#<cr> Write Aspect Wide <cr>*asp=WIDE# <cr> Write Zoom In <cr>*zoomI#<<cr> Write Zoom out <cr>*zoomO# <cr> Write Auto <cr>*auto# Write 2400 <cr>*baud=2400# <cr> Baud Rate Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Write	Aspect 4:3	<cr>*asp=4:3#<cr></cr></cr>	
Write Aspect Auto		Write	Aspect 16:9	<cr>*asp=16:9#<cr></cr></cr>	1080403
Write Aspect Letterbox <cr>*asp=LBOX#<cr> Write Aspect Wide <cr>*asp=WIDE#<cr> Write Zoom In <cr>*zoomI#<cr> Write Zoom out <cr>*zoomO# <cr> Write Auto <cr>*auto# <cr> Write 2400 <cr>*baud=2400# <cr> Baud Rate Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Write	Aspect Auto	<cr>*asp=AUTO#<cr></cr></cr>	
Write Aspect Wide <cr>*asp=WIDE#<cr> Write Zoom In <cr>*zoomI#<cr> Write Zoom out <cr>*zoomO# Write Auto <cr>*auto#<cr> Write 2400 <cr>*baud=2400# <cr> Baud Rate Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Write	Aspect Real	<cr>*asp=REAL#<cr></cr></cr>	
Write Zoom In <cr>*zoomI#<cr> Write Zoom out <cr>*zoomO#<cr> Write Auto <cr>*auto#<<cr> Write 2400 <cr>*baud=2400#<cr> Write 4800 <cr>*baud=4800#<cr></cr></cr></cr></cr></cr></cr></cr></cr></cr></cr>		Write	Aspect Letterbox	<cr>*asp=LBOX#<cr></cr></cr>	
Write Zoom out <cr>*zoomO#<cr> Write Auto <cr>*auto#<cr> Write 2400 <cr>*baud=2400#<cr> Baud Rate Write 4800 <cr>*baud=4800# <cr></cr></cr></cr></cr></cr></cr></cr></cr>		Write	Aspect Wide	<cr>*asp=WIDE#<cr></cr></cr>	
Write Auto <cr>*auto#<cr> Write 2400 <cr>*baud=2400#<cr> Baud Rate Write 4800 <cr>*baud=4800#<cr></cr></cr></cr></cr></cr></cr>		Write	Zoom In	<cr>*zoomI#<cr></cr></cr>	
Write 2400		Write	Zoom out	<cr>*zoomO#<cr></cr></cr>	
Write 2400 CR>*baud=2400#CR> Baud Rate Write 4800 CR>*baud=4800#CR> CR>*baud=480#CR> CR>*baud=480#		Write	Auto	<cr>*auto#<cr></cr></cr>	ระชาใน ที่ได้สามรับส่
Baud Rate Write 4800 <cr>*baud=4800#<cr></cr></cr>		Write	2400	<cr>*baud=2400#<cr></cr></cr>	
Write 9600 <cr>*baud=9600#<cr></cr></cr>	Baud Rate	Write	4800	<cr>*baud=4800#<cr></cr></cr>	
	3.4	Write	9600	<cr>*baud=9600#<cr></cr></cr>	

Ser The Control of th	Write	14400	<cr>*baud=14400#<cr></cr></cr>	acti Corbo.
	Write	19200	<cr>*baud=19200#<cr></cr></cr>	
	Write	38400	<cr>*baud=38400#<cr></cr></cr>	
	Write	57600	<cr>*baud=57600#<cr></cr></cr>	
	Write	115200	<cr>*baud=115200#<cr></cr></cr>	
	Read	Current Baud Rate	<cr>*baud=?#<cr></cr></cr>	
	Read	Lamp Hour	<cr>*ltim=?#<cr></cr></cr>	
,	Write	Normal mode	<cr>*lampm=lnor#<cr></cr></cr>	
Lamp Control	Write	Economic mode	<cr>*lampm=eco#<cr></cr></cr>	
5an Silvin	Read	Lamp Mode Status	<cr>*lampm=?#<cr></cr></cr>	and Const
	Write	Blank On	<cr>*blank=on#<cr></cr></cr>	# # # # # # # # # # # # # # # # # # #
	Write	Blank Off	<cr>*blank=off#<cr></cr></cr>	au au au a
	Read	Blank Status	<cr>*blank=?#<cr></cr></cr>	
	Write	Freeze On	<cr>*freeze=on#<cr></cr></cr>	
	Write	Freeze Off	<cr>*freeze=off#<cr></cr></cr>	
	Read	Freeze Status	<cr>*freeze=?#<cr></cr></cr>	
Miscellaneous	Write	Menu On	<cr>*menu=on#<cr></cr></cr>	
	Write	Menu Off	<cr>*menu=off#<cr></cr></cr>	
Est	Write	Up	<cr>*up#<cr></cr></cr>	BROOK CONTROL
	Write	Down	<cr>*down#<cr></cr></cr>	- Weng - 201 0 /167
	Write	Right	<cr>*right#<cr></cr></cr>	Jan Clark of Basic Constitution
	Write	Left	<cr>*left#<cr></cr></cr>	
	Write	Enter	<cr>*enter#<cr></cr></cr>	

3. DDC Data BYTES OF EDID CODE: 128 0 1 2				E: 2	5-45 Confeder Frank 2017 (812 3 4 5 6 7 8					8	9	BerS, Confidential 8 Yang 389 0/10/13	Berd Covids Kilieng 2010/99/5	
0 10 20		00 01 0E	FF CA 00	FF 01 00	FF 00 78	FF 00 0A	FF 00 9F	FF 18 98	00 14 A0	09 01 5B	D1 03 56			
30 40 50 60 70	1.	91 45 90 1F 00	25 7C 40 30 1C	11 61 A9 48 00	4F 7C 40 80 00	5D 61 9E 36 00	BD C0 20 00 FD	W 221 1		81 95 51 00 78	FC 00 20 00 1F		Electic Confidential KYang 2010/10/12	Berd Could Meng 201 044 7

80 63 11 00 0A 20 20 20 20 20 20 20 90 00 00 00 FE 00 42 45 4E 51 0A 100 20 20 20 20 20 20 20 20 00 00 110 00 FC 00 4D 50 37 38 30 53 54 120 0A 20 20 20 20 20 20 00 0D BN (08-09) ID Manufacturer Name = BN	BerQ Confointile(//Yeng 2010/10/12	Best Crabi. AYeng Broksh
(10-11) Product ID Code = 010	•	
(12-15) Last 5 Digits of Serial Number = 00001		
(16) Week of Manufacture = 24 (17) Year of Manufacture = 2010 (18) Provided EDID Version Number = 1 (19) EDID Revision Number = 3 (20) VIDEO INPUT DEFINITION: Analog Signal 0.700, 0.300 (0.700 Vp-p) Separate Syncs, Composite Sync, Sync on Green,		BanG Confide Kitang 2010/10/1
Serration of the Vsync		
(21) Maximum Horizontal Image Size		Berlitinofit Avery
(22) Yester Maximum Vertical Image Size 200 (23) (24) Display Gamma <u>8017/10/10</u>		
(24) Power Management and Supported Feature(s):		
Preferred Timing Mode		
Display Type = $R/G/B$ Color		
(25-34) CHROMA INFO:		
Red X - 0.627 Green X - 0.339 Blue X - 0.147 White	e X - 0.311	
Red Y - 0.356 Green Y - 0.569 Blue Y - 0.067 White	Y - 0.363	
(35) ESTABLISHED TIMING I: 720 X 400 @70Hz (VGA) 640 X 480 @ 60Hz (VGA) 640 X 480 @ 67Hz (Mac II) 640 X 480 @ 72Hz (VESA) 640 X 480 @ 75Hz (VESA) 800 X 600 @ 60Hz (VESA)	BenQ Confide st/e/ KYang 2010/10/12	Bed Conff Kyse 2016/19
(36) ESTABLISHED TIMING II:		
800 X 600 @ 72Hz (VESA) 800 X 600 @ 75Hz (VESA) 832 X 624 @ 75Hz (Mac II) 1024 X 768 @ 60Hz (VESA)	BenD Covidential r Yang 2010/10/12	Baro Confide West 2540:111
102112700 0 00112 (7 2011)		

1024-X 768 @ 70Hz (VESA) (VESA	rQ Confidentis/ XYang 2010/10/13	Best Cooks Alfeng Englist
(37) Manufacturer's Reserved Timing: 1152 X 870 @ 75Hz (Mac II) (38-53) Standard Timing Identification: 1024 X 768 @120Hz 1024 X 576 @60Hz 1280 X 1024 @60Hz 1280 X 800 @120Hz 1440 X 900 @60Hz 1400 X 1050 @60Hz 1600 X 1200 @60Hz	72 Confidential KYang 2010/10/11	S ect Confis 20 16 7 (21
(54-71) Detailed Timing / Descriptor Block 1: 1280x800 Pixel Clock: 83.50 MHz 1280x800 Pixel Clock: 83.50 MHz Vertical Image Size: 0 mm Vertical Image Size: 0 Normal Display -	ze: Oṃm	5 as 2 Confide \$7 as 2 2010/101
Horizontal: Active Time: 1280 pixels Sync Offset: 72 pixels Border: 0 pixels Frequency: 48.36	128 pixels	
Vertical: Active Time: 800 lines Active Time: 800 lines Blanking Time: 31 Border: 0 lines Frequency: 60.00	6 lines	Seni Conic Filos 2010: Os
Digital Separate, Horizontal Polarity (-) Vertical Polarity (-)		
(72-89) Detailed Timing / Descriptor Block 2: Monitor Serial Number: 1 (90-107) Detailed Timing / Descriptor Block 3:	m2 Confidential 	Beell Coului Aleeg Both th

Monitor Range Min Vertical For Min Vertical For Min Horiz. From Max Horiz. From Pixel Clock Secondary GT	req - 48 Hz () + () req - 120 Hz () () () () () () () () () (Elenio Combdensia Averg 2010/10:12	5000 Cons. 879g 20:0403
(108-125) Detailed Timin Monitor Name MP780ST	4324	BenQ Confidential NYang 1904002	Beval Confide £ Yeng 2010-yen
(126) No Extension E (127) CheckSum OK	EDID Block(s)		
Ben'i Cambastiki	SecO Confidencel Pargr 3810/10/13	Berkû Cowidentisk	Barg Cooks
Pang		Misag	2 Yang
2010/10/12		2010/10/12	20 4 4 5 5
Bed Coeffesie	Berkij Confeserial	Baril Confidantial	BecQ Cowlish
Frwg	Minare	Fring	67 ang
1917/042	Pontry (2012	2010/10512	2010/10/1
Band Confidential	Besû Corêdadê	SenG Cooldeollei	Berg Connet
Airlang	Wing	KYang	River
2010/10/12	Joromon 2	2010/10/12	River de